

REMARKS

Claims 1, 2, 4, 6-11, 13, 14 and 17-26 are pending in this application. Applicant has amended claims 1 and 4, canceled claims 2, 6-11, 13, 14 and 20-26, and presented new claims 27-30. Thus, claims 1, 4, 17-19, and 27-30 are now pending.

The Examiner has rejected claims under 35 U.S.C. § 103(a) as being unpatentable as outlined in the following table.

Claims	References
1 and 2	Katseff, Kalra, and Moran
17-19	Katseff, Kalra, Moran, and Trueblood
4	Katseff and Moran

Applicant has amended independent claims 1 and 4 to clarify the claimed subject matter.

Applicant's technology allows a server to compose and store a composite media stream for multimedia content for different playback speeds. For example, a composite media stream may be generated from video and audio streams for playback speeds of .5 times normal and 2 times normal. After storing the composite media streams for multiple playback speeds, applicant's technology receives from a network client a request for the multimedia content that includes a speed designation. Applicant's technology selects a composite media stream with a playback speed that best matches the speed designation and streams the selected composite media stream to the network client.

Applicant's technology has a couple of advantages over prior system. First, because the composite media streams are composed in advance of receiving a request, the server can start streaming a composite media stream as soon as a request is received. As a result, any delay and overhead associated with composing after that request is received is avoided. Second, because the server composes the composite

media stream, the overhead of sending the multimedia content in full resolution can be avoided in many instances. For example, when the playback speed is two times, the server need send only every other second video frame.

Independent claim 1 recites "composing a composite media stream that represents the multimedia content for that playback speed," "storing at the network server the composite media stream for that playback speed," and "after composing and storing the composite media streams for the different playback speeds,... receiving from the network client a selection of the multimedia content to be rendered at the network client." Independent claim 4 recites "composing a composite media stream that represents the multimedia content for that playback speed," "storing at the network server the composite media stream for that playback speed," and "after composing and storing the composite media streams for the different playback speeds,... receiving from the network client a speed designation associated with a playback speed."


In rejecting the claims, the Examiner relies on Katseff as describing that a network server performs timeline modification. Katseff, however, does not describe that a server composes composite media streams for different playback speeds and stores them at the server. Katseff also does not describe that, upon receiving a request for multimedia content, selects a composite media stream with a playback speed that most closely matches a user request and then streams the selected composite media stream.

Based upon the above amendments and remarks, applicant respectfully requests reconsideration of this application and its early allowance. If the Examiner has any questions or believes a telephone conference would expedite prosecution of this application, the Examiner is encouraged to call the undersigned at (206) 359-8548.

Please charge any deficiencies or credit any overpayments to our Deposit Account No. 50-0665, under Order No. 418268768US1 from which the undersigned is authorized to draw.

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Respectfully submitted,

By 

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